Father Time on his dial as he stayed the insatiste Angel of Death, who, though silent, 10 o'clock when hark! there began to be herce volleys of small-arms, accompanied by the deep thunderings of artillery, announcing that the fight was on. Without the prelimimary of feeling his way into positition, the enemy, as was his general rule of tactics, had, with concentrated power, fallen with overwhelming weight on the left of the Union line-the Fourteenth Corps. Brockinridge opened the ball on Thomas's extreme right in an effort to turn the Federal left, while Cleburne with his grand division moved directly against our line of breastworks. Indeed, scarcely had the sound of the first gun died away ere the din of battle became terrific. The sharp and incessant rattle of the musketry, mingling with the roar of the artillery, gave intensity to the thunders of battle as they were echoed through the forest. It is entirely unnecessary that I should tell my comrades who were there how it sounded as the opening of that day's battle fell upon their ears; memory needs no quickening to recall the remembrance will be ever vivid, never old, but ed to me as I stood there in the advance of our | vanced. breastworks of loose logs behind that tree, was occurring about me, to the changing fire, before which all were compelled to retire." sounds of the approaching storm, that defies

The approach of the army of Gen. Bragg on event. If my readers can imagine a great presses upon the threshold a noise and din that | its flauks, may be likened upon a scale of immensity to that perfectly illustrated then, and illustrates | which these two regiments passed."

analysis even to this day.

toward the National center." As these first Brigade, of which the 36th Ohio was a part. blaze of death. Seemingly, it was a continuous and incessant flame, out of which rushed volleys death-dealing against the advancing foe; while the Confederates appearingly courted death rather than feared the dangers as on and up against this tempest of lead and iron WITH DESPERATE VALOR THEY MOVED. The second may be likened to a troop of school boys just from school let loose, who, with sticks in hand, come in contract with a line of palling fence, pressing their sticks to the fence away off to the left as they run, and as they approach the right their speed is accelerated, and they continue to press harder and harder,

making an indescribable, irregular clatter, clatter, din and racket. This simile was apparent as line after line of the enemy was being moved down as they advanced, the tide, Irrepressible, still rolling on; broken heads of columns reformed or replaced, as it appeared to us, from the inexhaustible ranks in their rear. Heedless of death, the on-coming tide rolled on as might a car of Juggernaut over their dead and dying comrades, where mingled war's rattle with the groans of the dying in their endeavor to reach our line of log works and quench that volcane of flame with human blood or choke it off forever with living victims. May God grant that you nor I will ever be permitted to see such sights or hear such sounds or anything like them in this fair land of ours nor elsewhere.

Of this part of the battle Whitelaw Reid, then a correspondent of the Cincinnati Gazette. wrote as follows: "The fight on the extreme left began with a desperate assault. * * * I went down to the extreme left of Gen. Wood's line, and looking thence could see the desperate efforts of the enemy to break the lines of Branman and Meynolds. The soldiers of those two moble divisions were lying behind breastworks of logs and rails constructed the night before. Their artillery fired over their heads, and it really seemed as if that long line of defense was some immense serpent, instinct with hideous life, and breathing from its huge sides volumes of smoke and flame. * * * Here also was the brave old Turchin, with a brigade composed principally of Ohio troops, who won for them-

pelves and the State that sent them forth immortal henor during the conflict of that day.' Again and again the rebel lines advancing from the cover of the woods charged with impetuous fury and terrific yells toward the frail breastworks of logs and rails; but on each assault the fiery blasts from our battalions swept over and around them, crumbling their ranks as would crumble banks of mellow earth swept by a raging flood, or Melted from the field as snow,

When streams are swellen and south winds blow." As one line disappeared there appeared another rushing desperately on and over the dead and bleeding bodies of their fallen comrades.

As closer and densor grew the strife, the yery air quaked and shuddered with the angry whistle of the balls and the hurtling missiles as volley after volley, sheet after sheet of flame Eashed in their faces, while an avalanche of grape and canister, spherical-case and shrapnel tore, and bombshell and round shot from thundering cannon with heated throats greeted Lhem as it had those who came before; still on they pressed, though fast as ripened grain they fell, each stopping where his comrade atood the instant of his fall, many to the world unknown, br known but little, soon forgot, while beside them lay their noblest and those known to fame; again their lines are made good, as again they close in clouds of smoke and dust. To the right, to the left, around and around death whirled in its dance on the bloody ground, The pale destroyer held high carnival, while Did Time with his swiftly-dealt sickle reaped and gathered in the ripening sheaves.

"No vulgar crop was theirs to reap, No stinted harvest thin and cheap." A portion of those confronting us were of shose who were seeking to regain the laurels they had left with us upon yesterday. They came up in solid columns, flushed with high hopes of crushing the Westorn troops who had upon yesterday proved their more than match. By some of the boys it is stoutly averred that,

they came they exultingly shouted "WE ARE NOT CONSCRIPTS!" fighting Eastern store clerks."

ing of the 11th and 36th Ohio, to which the | work of logs, on the summit of a slight ridge members of those regiments derisively replied, heavily wooded and strongly held by the eneknow who drove you at South Mountain? We | was opposite the angle of this work; his center are the boys who drove you there, and we'll do | facing toward the northwest, was opposed to the At again."

went on as opportunity offered. to about noon.

in the Treasury, at Washington, D. C.) retired, road, and was located behind log breastworks, shelrs advanced, strongly supported from within in the heavy wood between Poe's and Kelley's the timber along our front, and our day's fields. As the enemy's right had been beaten work was begun; and, oh! such a day's work! | back, it had, by a conversion of this angle of

upon us at daybreak, as we had been led at The very air seemed ladened with death-dealing their work, as a pivot, been gradually made to high fall upon last evening to believe they missiles and shaken with the deafening peals assume a position also at right-angles to the of artillery, as assault after assault was made | road." Our waiting hours were registered by Old upon us; but came they fast or came they slow, persistent they certainly were, or come as they might, all drafts made upon us as a regiment was present, in anticipation of a speedy and or brigade were honored in full and on sight, grand coronation. It must have been nearly and whenever the enemy's temerity permitted him, as it did at times, to surge up to our heard the droppings of musketry here and | works, it was only to be met with crashing there to our left, followed all of a sudden by roars of artillery that seemed to shake the earth to its very foundations, and trebly thuning to the scene an appalling grandeur and

back to the forests from whence they came. federate States Government, says, in speaking | rest of his connection with the Revenue Service of the fight on our front at this time: "For forms a narrative of dangers, toils and hairseveral hundred yards both lines pressed on | breadth escapes such as does not fall to the lot under the most terrible fire it has ever been my of many to relate. Few men are as modest as fortune to witness."

Brig.-Gen. S. A. M. Wood, in his report, says : 'At a few minutes before 10 the brigade on my right moved forward and I moved with it. * . The fire of the enemy at this point was bounds that were heard by them as the battle | most destructive, and though this movement opened in those Georgia forests. To them its | was supported by Brown's and Clayton's and Bate's Brigades, it was not long before all had for their families and mine, for their children | to return, and were again assembled and formed and mine, let me give for record how it sound- at the position from which they last ad-

Brig.-Gen. H. D. Clayton, of Gen. Stewart's deeply impressed the while that I would be | Division, in his report says: "Early in the shot, and I caught it hot, and will carry it | morning of the 20th the brigade was moved to with aches and pains to my grave, -my mind | the right and in a position about 300 yards taking in in cursory retrospect of life as in- from and parallel to the Chattanooga road. tently I gathered and noted carefully every | Here it remained until about II o'clock. * . sound that presaged the coming of that grand | * About 11 o'clock Gen. Brown being in front hurricane of destruction and death that was so | and Gen. Bate on my right, the whole division Boon to be upon us. I was not as much alarmed | advanced under a most terrible fire of grape and now as upon yesterday, no chills or streaks to | canister from the enemy's artillery, before distract, but with a quietness of mind, a firm- | which several most gallant officers fell leading mess of nerve, a fixedness of purpose, a con- their men. . Notwithstanding this, the bri-Ecicusness of the importance of executing the | gade pressed forward, * * when two other commands that had been given me, the while | batteries-one in front and one upon the rightpossessed of a feeling as keenly alive to all that assisted by small-arms, began a most murderous

Brig.-Gen. J. C. Brown's report reads: "At about II o'clock I moved in line to the front, preceded by my skirmishers, who, driving in that sunny Sabbath forenoon as I stood there | the enemy's skirmishers, rallied upon the comlistening, brought these two similes to my | mand. We moved at double-quick nearly 300 mind at the time as aptly illustrating that | yards through an open wood, the enemy retiring before us, when the brigade on my right barn door of such dimensions the distance of | broke in confusion. My line still advanced 50 | overcome and duty well performed. Its width beyond their vision, its hinges on the | or 75 yards, and to within 50 yards of the eneleft as they stand at its point of closing on the | my's battery and line of defenses, when the right, the door unseen, but heard, closing, right, wholly unsupported and receiving a most and been admitted to the bar, for which his impelled by some unseen power, creating as it | terrible cross-fire of musketry and artillery on | energy, brilliancy and culture eminently fitted

BROKE AND RETIRED IN DISORDER the going off of a continuous train of many thou- to our temporary defenses. I found all efforts Bands of firecrackers, which, having been | to rally the 18th and 45th Tenn. short of the ignited at the left, comes rapidly toward the defenses in vain, and indeed impracticable, right with ever-increasing force and din as the | under the storm of grape and canister which . right is reached. In this you have a simile | prevailed upon every part of the field over

yet, the sounds to my mind as they occurred | In citing the above, I give them to show the the time, finding their fitness in the manner | enemy's view of the situation along the front of the approach of " Breckinridge's Division, of | of Reynolds's line, and in support of the reports Hill's Corps, which moved forward in splendid | that have come to me from comrades, and my style, in order as perfect as if on dress-parade. own observations on the Federal side of the Breckinridge was accompanied by battle at that time, a portion, at least, of which Cleburne, who advanced on his left and more occurrences were participated in by Turchin's lines of the enemy approached our lines they | A gun in an angle of the works near Co. E were received by a withering fire, literally a | of the 36th Ohio set on fire the breastworks of logs and rails, so that they were imminently

threatened with destruction. During a partial lull in the battle, Licut, Isaac C. Phillips climbed over to their front and deliberately poured water on the fire from cantoens passed to him by the men from their rear. A staff officer rode up and remonstrated with him for thus exposing himself, assuring him that he was assuming an exceeding great risk of his life. Looking up at his interlocutor, he answered quietly, "It is necessary," and continued all unmindful of self his self-imposed labor of danger until the fire was extinguished, saving the breastworks for a time. which in turn probably saved the lives of many of his comrades, and not improbably had much to do in saving the day; for those defenses were of inestimable value ere they burned still later in the day. The deed was a most noble and heroic one, a deliberate, voluntary offering of his life, if necessary, to try to save those of his comrades, -- perhaps the fate of the army. For little things, the casting of a horse shoe, the loosening of a saddle-girth, the reopening of a wound-as in the case of Gen. Hancock at Fredericksburg-have changed the tide of battle or the destinies of nations; be those things, as they were in this case, the act devoid of excitement to its prompting and unimportant and devoid of greatness as it may have seemed in the doing at the time, it was none the less a heroic one, and should have won for him on the field at least two bars. Capt. Phillips is

now an honored citizen of Caldwell, O. I believe the staff officer who addressed Lieut, Phillips was Capt, J. D. Barker, of Gen. Thomas's staff, the officer who with consummate skill and bravery had succeeded about 1 p. m. in pushing through to the rear of the regiment with a fresh supply of ammunition, of which at that time there was great need.

Up to 1:30 p. m. of that bloody Sabbath of Sept. 20, from the afternoon of the 19th, the left of the Army of the Cumberland had confronted the enemy and maintained its position. On the Sabbath, the divisions of Baird, Johnson, Palmer and Reynolds, of the Fourteenth Corps, from left to right respectively, under command of "Pap Thomas," who, ere the day closed, proved himself the redoubtable "Rock of Chickamauga," confronted the enemy's right under Longstreet, under, respectively, from their left to right, Breckinridge, Cleburne, Cheatham and Stewart. Lieut. Gon. Hill, in the Century for April, 1887, p. 961, says of our position on the Sabbath: "Rosecrans in person made a careful alignment of his whole line in the morning, arranging them so as to cover the Rossville (Chattanooga) and the Dry Valley roads. It began 400 yards east of the Rossville road on a crest which was occupied by Baird's Division (Thomas's Corps), Johnson's Division (McCook's), Palmer's Division (Crittenden's), and Reynolds's Division (Thomas's Corps). These four divisions became isolated during the day, and the interest of the battle centers | argely in them. They lay behind substantial" this is a mistake) "breastworks of logs in a ine running due south and bending back toward the road at each wing." Next to the right of Reynolds's Division was Brannan, next to him Negley. By readers of history it forts on the part of the Confederates, all to the I wanted Job Cartwright promoted, his prothrough the cornfield and beyond the main State | him to be a rough-and-ready, brave fellow. road leading to Rossville Gap and Chattanooga. ion; the 36th Ohio, the right of Turchin's Bri-

thus were we on the extreme right of the battle-line, our flank exposed. Gen. Bragg says of this position in his reprogress by encountering a position strengthened by works and obstinately defended." Maj.-Gen, Simon B. Buckner said of it in To which our boys replied, "You are not his report: "At this time Stewart was in line his left advanced in front of Preston's right, We are Longstreet's troops," 'tis said was his right receding formed an obtuse angle with shouted by some of the Johnnies in the hear- Preston's line. In his front was a heavy breast-"Yes, we are aware of the fact. Do you my's infantry and artillery. His right flank flank of the work, which was perpendicular to Thus with oath and badinage the chaffings | the road. On Stewart's right, in front of the face It was, in truth, contrary to Confederate road, was Cleburne's Division, of Hill's Corps. statements, an unequal contest; seldom or Brig.-Gen. Law's Brigade, of Hood's Division, never was resistance more stubborn and de- was in line perpendicular to the road to the termined, and never was, or could have been, left, and slightly in advance of Preston, and an attack prosecuted with more of devilish close to the burnt house (Poe's), near which pertinacity than seemingly was that on our was a battery of Hood's artillery. A personal corps, or at least upon Reynolds's Division, up reconnoissance, in company with the Lieutenant-General commanding, showed an advan-After the opening of the attack on the extreme | tageous position for artillery in front of Poe's left Turchin's Brigade did not have long to burning house, from which point the enemy's wait before the ball opened in earnest on its | main line, which fronted eastward and was sitfront, a heavy line of the enemy's skirmishers usted a little to the east of Kelley's field, was striking our line. As our skirmish-line (that exposed to an enfilleding fire, or rather to a fire portion from the 36th Ohio under command of slightly in reverse. His right flank, as before Lieutenant-later Captain -B. F. Stearns, now stated, was thrown back at right-angles to the

[To be continued.]

COL. S. A. WHITFIELD,

The New First Assistant Postmaster-General. Col. Smith A. Whitfield, the new First Assistant Postmaster-General, was born in Francestown, N. H., March 24, 1844. He has led an eventful and somewhat romantic life, most of dering swelled the gale as it mingled with the | it in the service of the Government. In 1861 rattle or piercing wail of the small-arms, lend- he enlisted as a private in the 2d N. H., and rose through the different grades to that of sublimity as we, from out the clouds of fire | Lieutenant-Colonel while yet in his 19th year. and smoke, that at times obscured the sun, He entered the U. S. Revenue Service in 1867. producing a blackened magnificence that no In this arduous and trying field of duty he language can highten, sent them "whirling" | became well known for zeal, energy and thorough knowledge of complicated and technical Mai.-Gen. Alex. P. Stewart, who much of duties. In 1877 he was made Revenue Agent, and at this time confronted our (Reynolds's) and took up the difficult task of suppressing division, in his report as published by the Con- | "moonshine" distilleries in the South. The



Col. Whitfield about their own exploits, and few can relate more thrilling stories of perils

Previous to Col. Whitfield's appointment as Revenue Agent he had read law industriously him. He practiced but a short time, when the tender of the position of Revenue Agent lured | is mainly dependent him back to the Government service.

In 1880 he accepted the position of Assistant Postmaster at Cincinnati, and in 1882 was appointed Postmaster by President Arthur. In these positions he soon became as well known as a Postoffice man as he had been in the Revenue Service. The high degree of efficiency to which he raised the Cincinnati office is a matter of record in the Department and universally conceded by the people of his city. At the expiration of his term he was appointed member of the Board of Public Affairs, and brought to the work of city improvements the same ability and energy that had made his administration of every office thus far a success. In 1889 President Harrison appointed him Second Assistant Postmaster-General, for which office his previous acquaintance with the service eminently fitted him, and on Sept. 30, 1890, he was nominated for the office of First Assistant, made vacant by the resignation of Hon. J. S. Clarkson. He leaves his old office amid the rogret of all who come in contact with him, and takes up his new duties amid pleasant anticipations and confident prophecies of a brilliant practical business administration.

While possessed of ability and resources of no ordinary kind, which have carried him through every office that he has held with credit and honor, Col. Whitfield is more than highest specimens of this class that well-deanything else a gentleman, both by nature and education. In appearance he is imposing and dignified, being six feet three inches tall, active and muscular, and straight as an arrow. In 1882 Col. Whitfield married Florence daughter of J. C. and Lydia S, Morrison, of Cinof manner. Their family consists of two bright little girls, aged respectively five and united to the body by a single ball-and-socket one-and-a-half years.

Temperate Veterans. The Congregationalist comments as follows upon

features of the recent Encampment week in

"It is stated on excellent authority that the most disappointed men during the Encampment were the saloon-keepers. Here is food for reflection for the pessimist. Every branch | and often recurved teeth, which are not used of legitimate trade was well patronized, but the liquor-dealers still have the larger part of the extra stock they laid in for the Grand | dentature, Reptilia often have teeth set in the Army of the Republic trade. A careful observer, who noted the scores of cases of drunkenness among the Grand Army men a few years | erous, possess long, longitudinally-folded and since, on the day when our soldiers' monument | very dilatable gullets, comparatively simple was dedicated, asserts that the aggregate of drunks for the week among the men assembled from all over the country was considerably less than the number on a single day on the former occasion, when the attendants chiefly came from within the limits of our own State. The pres- lizards are ovoviviperous. The torrid zone is ence of so many ladies was one restraining influence; but it can be said, without fear of contradiction, that this showing is a proof of the marked advance of the temperance sentiment | size and reach their maximum numbers. throughout our country during the past de-

The Christian Register (Unitarian), remarking on the same circumstance, says: "If this fact does not prove that the members the exuberance of feeling at the meeting of the attack. old comrades, the temptation of taking drinks and the sight-seeing, that they had no disposi- special may be stated as follows: tion to patronize the bar. This may be a hint

Tracy Tremmel. EDITOR NATIONAL TRIBUNE: What in will be remembered that Longstreet, upon en- thunder did you kill off the "Blue Jay Mess" tering the gap made by the change of Wood's for at South Mountain? I don't see how you Division, had swept the forces on Reynolds's | could have had the heart to slay Col. Satterlee

right of Reynolds's Division was forced back | motion to tone him down, but I still wanted Joking aside, I want to congratulate you for At about 1:30 p. m. Reynolds's Division occu- having given to Satterlee such a true picture pied the extreme right of the first battle-line of an ideal Regular Army officer, and to the formed by the Federals that morning; Tur- boys of the Mess the real live volunteers' chin's Brigade the right of Reynolds's Divis- true characters. Their counterparts existed in every organization, but I have never seen them | is elongated, linear, and characteristically exgade, all troops to the right having given way; so well portrayed as in your story. Lan Green was exceptionally fine, and was always con-

sistent. port: "About 2 p. m. passing along the line to order, the historical events being always Among gavials also, the cutaneous plates our left I found we had been checked in our well and truthfully described. I hope you covering the top of the head and back are conwell and truthfully described. I hope you covering the top of the head and back are conwill never grow weary with writing them, and | tinuous, and the lower canine teeth, which, as I think future generations will thank you for | in allied forms, are considerably developed and giving them an insight into the details of the | constitute its principal means of prehension, war. -O. W. CASE, St. Louis, Mo.

Is the most ancient and most general of all diseases. Scarcely a family is entirely free from it. of the work and parallel to the Chattanooga | while thousands everywhere are its suffering slaves. Hood's Sarsaparilla has had remarkable success in curing every form of scrofula. The most severe and painful running sores, swellings in the neck or goitre, humor in the eyes, causing partial or total blindness, have yielded to the powerful effects of this medicine. Try it.

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SAURIANS.

A Few Facts About Certain Members of the Great Reptile Family.

CROCODILES.

Typical Form of Reptiles-Characteristic Locomotion-The Great Gangetic Crocodile-Its Ferocity and Bulk-Distinction Between Crocodiles and Alligators-The Character and Habits of These Animals.

BY DR. J. H. PORTER.



HE above-named animal belongs to the class Reptilia, whose members exhibit wide diversities in general Mammalian group, in heretofore described are included. All reptiles are cold

Mississippi Alliga- that of the medium in | swarming with the biggest and ugliest of sauwhich they live. They are, also, lung-breathing, and their hearts are | with respect to all. The animals, or one of divided (although incompletely, as a rule) into compartments for the reception and discharge of venous and arterial blood. During fetal life the embryo is invested with membranes similar in character and function to those which enwrap the unborn mammal, while after birth, thickened and indurated skin, scales, or armor-

plates protect the body. Reptilian organization represents a higher type than that of the batrachians, -frogs, sirens, salamanders, toads, etc., -as being both more complex and more specialized than that which they exhibit. On the other hand, and estimated by the same standard, it is lower than that of birds. Looking upon the classes comprehensively, however, it is evident that they have not always been characteristically different. There are batrachians whose anatomy connects them with more elevated forms, and the earlier birds were searcely more than partially-feathered reptiles.

Everybody has seen representatives of the main branches of the reptilian stock, but comparatively few, perhaps, appreciate the features which are peculiar to it. In addition to those traits of structure already indicated, the locomotion of most animals belonging to this group

UPON MOVEMENTS OF THE BODY, and to this end their vertebral columns are strong and rigid, though usually undifferentiated, and commonly prolong themselves into tails of various lengths. The vertebræ are in all



GANGER CROCODILE.

cases concave anteriorly, and afford attachment to ribs whose motions, in many instances, supply the place of limbs, which in lower Reptilia, remain absent or are rudimentary, or merely act as accessories to the sinuous movements of the trunk. It is only among the veloped limbs, spines whose regions are distinct, and hearts with cavities completely separated appear. These likewise also possess specialized pectoral and pelvie girdles, such as are found in connection with the fore and hind limbs of cinnati, a lady of beauty and exquisite charm | cranial bones are ossified, not cartilaginous as for the most part in Extrachia, and the head is joint. Relatively to the entire bulk of the body, or to the size of the whole head, a reptile's brain is small, but at the same time that it exhibits a tendency in the anterior to overlap one of the most obvious and most gratifying the posterior lobes, the latter are also well developed. In fact, the nervous system of the class presents a decided superiority in structure to that of immediately inferior animals.

Throughout this group (with the exception of turtles) the jaws are set with small, sharp, for mastication, but only to seize and retain prey. Consonantly with this function of their bony structures forming the roof and back part of the mouth. Almost all of them are carnivstomachs, and short and but little-coiled intestinal tracts. Their reproductive organs exhibit a more or less bird-like type, and the class generally is oviparous, although the viperine snakes, horned toads and some footless their true home, and here (again except the turtles, which are chiefly distributed in temperate latitudes) Reptilia attain the greatest

"The larger reptiles," says H. C. Bumpus, TRUST ALONE TO SHEER FORCE FOR PRO-TECTION."

But among the smaller subdivisions, poisonof the Grand Army and their friends are total | fangs, protective resemblances and various skin abstainers, it proves that they avoided the differentiations, from scales to spines and saloons. This is highly to their credit. Amid armor plates, afford a certain security against

Most of the more important reptilian traits together was great; but their time and thoughts | already enumerated display themselves in were so occupied with the parade, the Campfire | erocodiles and alligators, and those which are In Crocodilia the teeth are set in conical jaw-

to the friends of the temperance reform. One sockets, their limbs are freely articulated, and of the means of keeping men from the saloon | the digits are separate. The muscular appais to lure them by the excitement of harmless | ratus is the most completely developed among existing animals of the class; the dorsal plates are ossified; their pupils are vertical, and the eyes are protected both by lids and a nictitating membrane. Further, the nostrils and ears have cuticular valves, and the opening of the wind-pipe is surrounded with a "collar," by which water is prevented from entering the immediate right out of position. Up to this and Ezra Grimsted in the same battle, and air-passages when the creature, with its jaws hour from Reynolds's right to Baird's left all have all the other boys wounded. I was in distended by prey, is submerged. Crocodiles attempts to move our lines had met with terri- love with the whole lot, and it hurt me to have also have the ventricles of the heart comble losses to the enemy. But by persistent efforts on the part of the Confederates, all to the

I wanted Job Cartwright promoted, his prowhich the order is divided. They inhabit the

Cealed about my person. It also gave me the

Cealed about my person. It also gave me the tropical and sub-tropical parts of America, Asia, Africa and Australia, and wherever found are large, powerful, and often dangerous beasts.

In the Ganges and its tributaries, the gavial or nakoo (Gavialis gangeticus) attains the greatest size of any extant form of Crocodilia, being sometimes 20 feet in length. Its snout panded at the end; while in old males the nasal sacs are frequently much enlarged, and the period during which they can remain I consider your story as of the highest under water is correspondingly lengthened. fit into sockets situated in the upper jaw, so that when the mouth is closed they are invisible. Females in this species

ARE MUCH SMALLER THAN MALES; they want also the developed nasal sacs of their consorts, and consequently require to rise | the -th Louisiana, sah; a more daring and to the surface more frequently. In all cases the young display a broad, depressed snout, similar to that which is found among alligators. Between the highly specialized gavials and crocodiles proper, which inhabit all continental areas, naturalists place Tomistoma, a single genus with but one species. This is said to be confined to Borneo, and the animal is not very well known.

Crocodilus vulgaris, the Nile crocodile, the sacred saurian of old Egypt and of some parts of modern India, is somewhat less in size than the Gangetic nakoo, but with the exception of having a broader snout, which is not expanded at the end, it is otherwise nearly identical with the former.

C. porosus, the flerce and tenacious denizen of | Smith fur? Polynesian coasts, and which ranges as far south as Australia; C. americanus, found from Brazil to the Florida reefs and inlets, and the Orinoco by C. I. HOOD & CO., Apothecaries, Lowell, Mass. | species, C. intermedia, with an almost coextensive distribution, comprises the chief divisions

11

as bulk is concerned, are rather superficial than essential.

Precisely the same statement may be made ment of their cutaneous plates is not like that the average size of Jacare nigra, the Orinoco, Central American and Mexican cayman is certives,

THE ASIAF AND AFRICAN CROCODILES. Apart from these dissimilarities, there remain but technical traits by which the divisions (inclusive of the Mississippi alligator) are sepa-

Turning now to the character and habits of these large saurians, we find that information concerning them is at once large in quantity, contradictory in tenor, and very incomplete. The manner in which accounts present themselves to the reader of books of travel and descriptive zo-ology is this: Alligators do not eat men or the larger animals, but crocodiles do. They are both man-eaters occasionally. When crocodiles wish to indulge in anthropophagy, structure from the their method is to lie in wait under a bank, and sweep someone into the stream by a blow which those creatures from the tail. They do nothing of the sort. It is their custom to conceal themselves in holes near a ford or bathing-place, and make a rush at any unfortunate who comes within reach. blooded,-that is to There is no truth whatever in either of the say, their temperature former statements, as witness a number of peris but little higher than | sons who have disported themselves in waters rians. As with regard to these particulars so them at least, has been deified and embalmed, but the writer is not aware that anyone has systematically observed their habits. So far, however, as attacking men goes, the author is personally cognizant of two cases in which the cayman destroyed human beings, and on this account sees no reason to doubt those stories of Inglis, Drummond, etc., in which the destructiveness of Asiatic and African Crocodilia is displayed. Everyone knows that large saurians lie on the mud and sun themselves, and that unless shot dead, which is difficult to accomplish, not from any

IMPENETRABILITY OF THEIR SKIN DEFENSES, which a rifle-ball will pierce easily, but because they have great tenacity of life and small brains, they invariably manage to reach the water and die there. Equally general is the knowledge that they bury their eggs and leave them to be hatched by solar heat. Also that the trochylus (or Charadrius ægypticus, as it is now called) attends the crocodile like other birds do the elephant, buffalo, rhinoceros, etc., for the sake of their parasites, upon which they feed, and that these animals are often warned of the hunter's approach by their cries. Every man's hand is against such reptiles, and numbers of enemies destroy their eggs and young also, so that in some places-as, for example, the waters of the Gulf States-their numbers have sensibly diminished.

Fish, and small aquatic or semi-aquatic animals, or any creature they can kill, is eaten by crocodiles and alligators, and there seems to be little doubt that they are carrion-eaters by preference. Reliable observation shows that dead bodies floating on the streams they inhabit, or contiguous to them, are constantly consumand it seems to be certain that prey killed by themselves is commonly kept till it putrifies and the body thus becomes more easily dismembered. The whole character of the digestive tract indicates that their food is bolted, and on many occasions the contents of a dead crocodile's stomach have been found to be as incongruous as those of sharks. Like all other animals, the saurians in question become restless and excited in the pairing season, bellowing much at this period, and frequently threatening attack. It is by no means unusual to witness such demonstrations, but there is no record, so far as the writer's knowledge goes, of their having proceeded to extremities, either against armed men on shore or in boats.

(To be continued.)

A NERVY MAN, INDEED. His Equal Not to Be Found Behind the Walls of

the Penitentlary. "Do you see that man there in the laundry?" asked the guard of a visitor whom he

was showing through the penitentiary a few more developed creatures. Moreover, their days since. "Well, sir, that man is no doubt the perviest man inside of these walls." "Indeed !!

"Yes, sir; no doubt of it. Now, we have a man in here who faced shot and shell from the musket and mortar on the field of Shiloh, and never flinched, even after receiving two painful gunshot wounds. We have another who lead a gang of outlaws on the plains for years and perhaps killed more men than any other man now alive. He wasn't afraid of man nor beast. We have still another man here who, with one pal, held up an express train and robbed over 50 passengers, and was as cool about it as if he had been passing the contribution-box in church; but that man yonder beats them all for nerve."

"You don't say so! And may I ask what he was sentenced for?" "Certainly, sir. He was received here last Winter on a three-years' sentence for bigamy. That man had six living wives. Oh, I tell you he's got nerve."

> Only a Haif. [Philadelphia Press.]

"One day, 10 years ago," said a Western millionaire, "I stood without a nickel, and without the door of a restaurant in San Francisco. I was indulging in an optical feast, gazing at the display of uncooked roasts, chops and steaks, garnished with watercress and altogether levely, in the window. The song-or rather its refrain- 'Thou art so near and yet so far,' was whispered to me by the gant brownie of hunger. Then a prosperous-looking man, who was flipping a half-dollar in his hand, dropped the coin, which tinkled through an iron grate and fell into the subway below. The man gave an almost-uncoacerned glance in the direction the coin had gone, and then walked away humming a popular tune.

"I have always possessed some resource and I was determined to possess that coin. The occasion is what is frequently spoken of as a 'ground-hog case.' I was 'out of meat'-also bread. I spoke to the proprietor of the place. Told him I had dropped a five-dollar gold piece through the grate, and asked if I might go and retrieve it. 'Certainly,' he said, and gave me a hatchet with which I might remove a wooden bar that had been nailed across a door leading from the basement to the opening under the

"There was much litter and dust down there. and in searching for the lost coin I found many other things which had been dropped in a simi cealed about my person. It also gave me the entre to a clean shirt and a proportionate supply of self-esteem and self-reliance. I visited men of influence whom I had not been sufficiently courageous to meet in the immediate heretofore, and I have not been seriously insolvent since that date. Thus you may see on what a slender thread oft hangs a chance in

> Not Exactly Gen. Forrest, [St. Jo Ballot,]

Back in war times I had occasion to call on Gen. Forrest, of the Confederate army. I had never met Gen. Forrest, and beholding an officer of high, proud and commanding carriage standing in front of headquarters, his resplendent uniform and general air of grandeur led me to think he was Forrest himself. "Is this Gen. Forrest?" I asked, saluting

"No, sah," he said, returning my salute. "This is Col. Jackson T. Grangerfield, sah, of far more dangerous man, sah."

A Self-Sustaining Municipality. [Puck.]

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> Worth Catering To. [Puck.]

First Local Statesman (looking over a new ticket)-McMoriarty, O'Hooligan, McGoogan, O'Roork, Smith-Phwat did yez nomynate the estuaries of the Indian, Australasian and | Second Local Statesman-Phwist! Thot's ter cotch th' Amerykin vote.

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The Wealth of Arizona Territory.

The report of N. O. Murphy, Acting Governor of Arizona Territory, gives the following facts concerning alligators as discriminated from as to the taxable property of the Territory crocodiles. Their fangs are not concealed in Number of acres of land in the Territory, sockets sunk in the upper jaw, the arrange- 3,493,062; valuation of land, \$3,938,564; valuation of improvements, \$2,139,049; value of city found in animals of the Crocodilian group, and | and town lots, \$1,863,893; value of improvements on same, \$2,232,968. Number of horses in the Territory, 40,956; valuation of same, tainly less than that of their Old World rela- \$1,071,963. Number of mules, 1,695; valuation of same, \$64,289. Number of cattle, 641,016; valuation of cattle, \$5,321.809. Number of sheep, 291,238; valuation, \$436,849. Miles of railway in the Territory, 1,093; valuation, \$6,-615,467. Valuation of all other property, \$4,365,379. Making the total property valuation of the Territory, \$28,050,234.

Sufficient Reason. [Brook'yn Life.]

"I hear your engagement with Miss Boodle is off. How did it happen?" "In strict confidence, Smith, she got mad because I stele a kiss."

"I don't see why that should provoke her, when you were engaged." "Well, you see, I stole the kiss from another

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